Memorandum

Environmental Resources Management, Inc.

77 Hartland Street, Suite 300
East Hartford, CT 06108

(860)-466-8500
(860)-466-8501 Fax

ERM®

To:	Marilyn St. Fleur – EPA New England
From:	Robert J. Drake, PE, Ph.D., LEP
CC:	Andrew N. Davis, Ph.D. – Dewey & LeBoeuf LLP Gennady Shteynberg – CT DEP
Date:	September 30, 2010
Subject:	**Summary of PCB Remediation (AOC-8)** **Former InteliData Facility** **80 Pickett District Road, New Milford, Connecticut** **ERM Project No. 0116794**

Remediation Summary:

Delineation of Release Area

On August 14, 2010 ERM conducted a soil sampling effort designed to complete the delineation of the previously identified release of polychlorinated biphenyls (PCBs) in soils surrounding the on-site transformer owned by Connecticut Light & Power (CL&P) located in AOC-8. As part of this effort, ERM collected soil samples inside and outside of the fenced-in enclosure surrounding the CL&P-owned transformer. (The highest PCB concentration identified during the initial testing conducted between 2001 and 2004 (1.3 parts per million (ppm)) was reported from just outside the fenced-in enclosure.)

The August 14, 2010 sampling effort included the collection of ten (10) soil samples in AOC-8 as depicted on the attached "Figure 1 – AOC-8 Pad Mounted Transformer Sample Locations and Excavation". These samples were collected and analyzed in accordance with the revised Quality Assurance Project Plan (QAPP) with analysis conducted by Spectrum Analytical of Agawam, Massachusetts. The results of the analyses, summarized in "Table 1 – AOC-8 Soil Analysis Results," were compared with the Residential Direct Exposure Criteria for PCBs (1 ppm). Based on the laboratory results:

1. No PCBs were found at concentrations above the 1 ppm remedial criterion within the fenced-in transformer area.

2. No PCBs were found at concentrations above the 1 ppm remedial criterion outside the fenced-in transformer area.

Based on these results, the remedial effort was defined as an excavation to a depth of two (2) feet over the lateral area shown on Figure 1. The excavation was extended to the north to sampling point TR-12A where PCBs were detected at a concentration of 0.428 ppm (i.e., less than one-half the remedial criterion).

Remediation Efforts and Post-Excavation Sampling

The initial excavation was conducted on August 27, 2010. Soil was stockpiled on and under polyethylene sheeting while awaiting characterization results for disposal.

Post-excavation soil samples were collected at the locations shown on Figure 1. Analysis of the post-excavation soil samples indicated the following:

- Post-excavation samples collected from sidewalls and the bottom of the excavation did not contain PCBs above minimum laboratory detection limits, except for along the southern wall of the excavation (near the fence surrounding the CL&P-owned transformer); and

- The southern post-excavation sample contained PCBs at a concentration of 2.22 ppm (the highest concentration reported within the release area).

Based on these results, ERM performed a second soil excavation along and beneath the northern portion of the fencing surrounding the CL&P-owned transformer. The area of the second soil excavation is identified on Figure 1. ERM collected an additional post-excavation sample on September 20, 2010 from within the area of the second soil excavation. As noted in Table 1, that sample had a PCB concentration (0.126 ppm) well below 1 ppm.

ERM, therefore, determined that the remedial effort at AOC-8 has been successfully concluded. This information will be incorporated into the final remedial action report that ERM will prepare upon the completion of the soil vapor extraction/air sparging remedial effort.

Attachments

RDMS files CTD044121697
Marilyn StFleur to: Glenn Pizzarella 10/06/2010 04:25 PM

Hi Glenn,

Could you add these files to RDMS all go under this RCRA coding form.

PCP Soil Sampling rcracodingform - CEE Assoc. (Inteli Data) CTD044121697.pdf

Thank you,
Marilyn

Marilyn St. Fleur
RCRA Facility Manager
EPA-New England
5 Post Office Sq. Suite 100
Mail Code OSRR07-3
Boston, MA 02109-3912

Telephone: 617-918-1617
Fax: 617-918-0617
Email: stfleur.marilyn@epa.gov

----- Forwarded by Marilyn StFleur/R1/USEPA/US on 10/06/2010 04:22 PM -----

From:	Kevin King <Kevin.King@erm.com>
To:	Marilyn StFleur/R1/USEPA/US@EPA
Cc:	"Gennady.Shteynberg@ct.gov" <Gennady.Shteynberg@ct.gov>, "Andrew Davis (adavis@llgm.com)" <adavis@llgm.com>, "Levy, Aaron" <ALevy@deweyleboeuf.com>, Bob Drake <Bob.Drake@erm.com>
Date:	10/01/2010 01:57 PM
Subject:	InteliData - New Milford Final PCB Memorandum and Additional Requested Documents

Marilyn,

In follow-up to your email yesterday regarding the PCB memorandum for the InteliData site, I have attached a final version of the memorandum and the figure and table for your files. I have also attached the laboratory certificates of analysis for the recent analyses reported in the memo and the field notes for the work.

Regards,

Kevin P. King, LEP
Partner

Environmental Resources Management (ERM)
77 Hartland Street, Suite 300
East Hartford, CT 06108

860-466-8524 (Direct)
860-558-4656 (Mobile)
kevin.king@erm.com

One Planet. One Company. ERM.

Please visit ERM's web site: http://www.erm.com

Intelidata PCB Remediation Memo 30 Sept 2010 FINAL.pdf

Intelidata PCB Data AOC-8 30 Sept 2010 FINAL.pdf

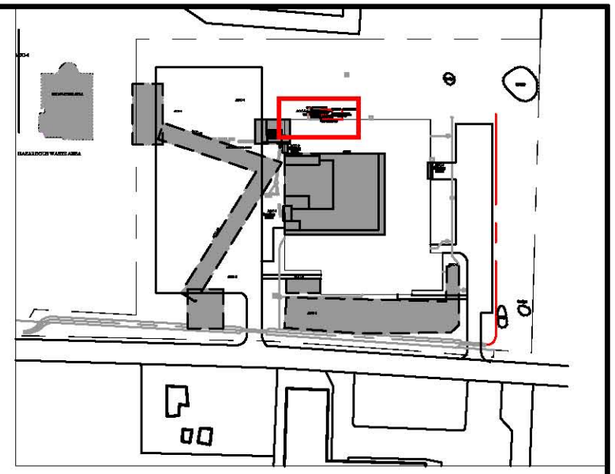
SB16632 FINAL 18 Aug 10 1326.pdf

SB17423 FINAL 09 Sep 10 1232.pdf

SB18513 FINAL 28 Sep 10 1101.pdf

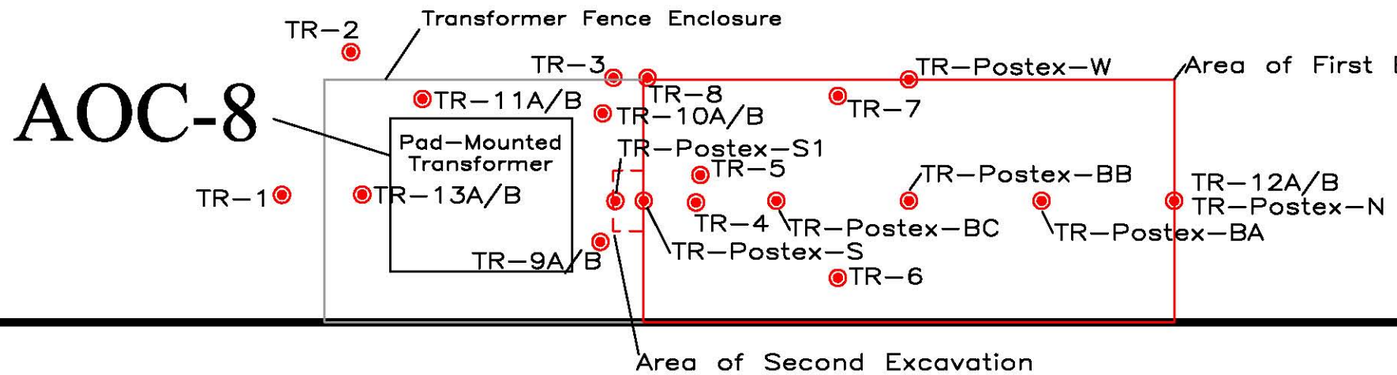
Intelidata - PCB Excavation Field Notes and COC.pdf

Figure 1 - AOC 8 Remediation and Sample Locations.pdf



Location Map
Scale: 1"=250'

AOC-8



LEGEND

TR–6 PCB Soil Sample Location

Scale (1"=10')
5 0 5 10 20

Figure 1 - AOC-8 Pad Mounted Transformer
Sample Locations and Excavation
Intelidata, New Milford, CT

ERM

Table 1: AOC-8 Transformer
Summary of Soil Sample Results
Intelidata
New Milford, Connecticut

ERM ID #	RES DEC	I/C DEC	GB PMC	TR-1	TR-2	TR-3	TR-4	TR-5	TR-6A	TR-6B	TR-7A	TR-7B	TR-8B	TR-9A	TR-9B	TR-10A	TR-10B
Date Sampled				5/18/2001	5/18/2001	5/18/2001	5/18/2001	4/27/2004	4/27/2004	4/27/2004	4/27/2004	4/27/2004	4/27/2004	8/14/2010	8/14/2010	8/14/2010	8/14/2010
Lab ID #				AC48155	AC48156	AC48157	AC48158	SA11687-01	SA11687-02	SA11687-03	SA11687-04	SA11687-05	SA11687-06	SB16632-03	SB16632-04	SB16632-05	SB16632-06
Sample Depth				0-6"	0-6"	0-6"	0-6"	>1'	0-1'	>1'	0-1'	>1'	>1'	0.0-0.5'	1.5-2.0'	0.0-0.5'	1.5-2.0'
PCBs (ug/kg)																	
PCB-1254	1,000	10,000	NE	41	ND	ND	1,300	ND	1,020	ND	ND	ND	ND	27.3	ND	45.3	ND

ERM ID #	RES DEC	I/C DEC	GB PMC	TR-11A	TR-11B	TR-12A	TR-12B	TR-13A	TR-13B	TR-Postex-N	TR-Postex-BA	TR-Postex-BB	TR-Postex-W	TR-Postex-S	TR-Postex-BC	TR-Postex-S1
Date Sampled				8/14/2010	8/14/2010	8/14/2010	8/14/2010	8/14/2010	8/14/2010	8/27/2010	8/27/2010	8/27/2010	8/27/2010	8/27/2010	8/27/2010	9/20/2010
Lab ID #				SB16632-07	SB16632-08	SB16632-01	SB16632-02	SB16632-09	SB16632-10	SB-17423-01	SB-17423-02	SB-17423-03	SB-17423-04	SB-17423-05	SB-17423-06	SB18513-01
Sample Depth				0.0-0.5'	1.5-2.0'	0.0-0.5'	1.5-2.0'	0.0-0.5'	1.5-2.0'	0.5'	1.0'	1.0'	0.5'	0.5'	1.0'	1.0'
PCBs (ug/kg)																
PCB-1254	1,000	10,000	NE	ND	ND	428	ND	ND	ND	ND	ND	ND	ND	2,220	ND	126

ND = Not Detected
NT = Not Tested
NE = None Established
Standards = Connecticut Department of Environmental Protection Remediation Standard Regulations numerical criteria
RES DEC = Residential Direct Dexposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
GB PMC = Pollutant Mobility Criteria for soils in a GB ground water classification area

Report Date:
28-Sep-10 11:01

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
77 Hartland St.; Suite 300
East Hartford, CT 06108
Attn: Robert Drake

Project: Intelidata - New Milford, CT
Project #: 0116794

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB18513-01	TR-Postex-S1	Soil	20-Sep-10 14:10	22-Sep-10 16:45

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 6 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The sample temperature upon receipt by Spectrum Analytical courier was recorded as 10.3 degrees Celsius. The condition of these samples was further noted as received on ice. The samples were transported on ice to the laboratory facility and the temperature was recorded at 3.4 degrees Celsius upon receipt at the laboratory. Please refer to the Chain of Custody for details specific to sample receipt times.

An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TR-Postex-S1	0116794	Soil	20-Sep-10 14:10	22-Sep-10
SB18513-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	19.5	1	SW846 8082	24-Sep-10	25-Sep-10	IMR	1020132	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	126		µg/kg dry	19.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*93*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*86*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	96.0		%		1	SM2540 G Mod.	23-Sep-10	23-Sep-10	DT	1020090	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1020132 - SW846 3545A										
Blank (1020132-BLK1)					Prepared & Analyzed: 24-Sep-10					
Aroclor-1016	BRL		µg/kg wet	20.0						
Aroclor-1016 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1221	BRL		µg/kg wet	20.0						
Aroclor-1221 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1232	BRL		µg/kg wet	20.0						
Aroclor-1232 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1242	BRL		µg/kg wet	20.0						
Aroclor-1242 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1248	BRL		µg/kg wet	20.0						
Aroclor-1248 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1254	BRL		µg/kg wet	20.0						
Aroclor-1254 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1260	BRL		µg/kg wet	20.0						
Aroclor-1260 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1262	BRL		µg/kg wet	20.0						
Aroclor-1262 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1268	BRL		µg/kg wet	20.0						
Aroclor-1268 [2C]	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.3*		µg/kg wet		*20.0*		*102*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.1*		µg/kg wet		*20.0*		*96*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.7*		µg/kg wet		*20.0*		*98*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*15.1*		µg/kg wet		*20.0*		*76*	*30-150*		
LCS (1020132-BS1)					Prepared & Analyzed: 24-Sep-10					
Aroclor-1016	251		µg/kg wet	20.0	250		100	50-140		
Aroclor-1016 [2C]	235		µg/kg wet	20.0	250		94	50-140		
Aroclor-1260	220		µg/kg wet	20.0	250		88	50-140		
Aroclor-1260 [2C]	225		µg/kg wet	20.0	250		90	50-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.0*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.6*		µg/kg wet		*20.0*		*113*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.8*		µg/kg wet		*20.0*		*99*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.4*		µg/kg wet		*20.0*		*97*	*30-150*		
LCS Dup (1020132-BSD1)					Prepared & Analyzed: 24-Sep-10					
Aroclor-1016	258		µg/kg wet	20.0	250		103	50-140	3	30
Aroclor-1016 [2C]	232		µg/kg wet	20.0	250		93	50-140	1	30
Aroclor-1260	231		µg/kg wet	20.0	250		92	50-140	5	30
Aroclor-1260 [2C]	216		µg/kg wet	20.0	250		86	50-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.4*		µg/kg wet		*20.0*		*107*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.9*		µg/kg wet		*20.0*		*115*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.6*		µg/kg wet		*20.0*		*108*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.8*		µg/kg wet		*20.0*		*99*	*30-150*		

Notes and Definitions

BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: Environmental Resources Management - Hartford, CT

Project Location: Intelidata - New Milford, CT

Project Number: 0116794

Sampling Date(s):
9/20/2010

Laboratory Sample ID(s):
SB18513-01

RCP Methods Used:
SW846 8082

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	Yes	✓ No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? *Exceptions are defined by qualifiers*	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director
Date: 9/28/2010

SB18513

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 9/28/10
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: ERM-East Hartford
Project Mgr.: Bob Drake

Invoice To: Same
P.O. No.: _____ RQN: MSA

Project No.: 0116794
Site Name: Intelidata
Location: New Milford State: CT
Sampler(s): J Ferri

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: PCBs							
SB18513-01	TR-Pastex-S1	9/20/10	1410	G	SO			1			X							

QA Reporting Notes:
(check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☐ Standard ☐ No QC
- ☒ Other DQA

State specific reporting standards: _____

- ☐ Fax results when available to (____) _____
- ☒ E-mail to jason.ferri@erm.com
- EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 10.3C

Relinquished by:	Received by:	Date:	Time:
[signature] DEC	DEC	9/21/10	10:15AM
	D. Drake	9/22/10	16:45

Report Date:
18-Aug-10 13:26

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
77 Hartland St.; Suite 300
East Hartford, CT 06108
Attn: Robert Drake

Project: Intelidata - New Milford, CT
Project #: Intelidata

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB16632-01	TR-12A	Soil	14-Aug-10 07:55	14-Aug-10 11:45
SB16632-02	TR-12B	Soil	14-Aug-10 08:00	14-Aug-10 11:45
SB16632-03	TR-9A	Soil	14-Aug-10 08:35	14-Aug-10 11:45
SB16632-04	TR-9B	Soil	14-Aug-10 08:40	14-Aug-10 11:45
SB16632-05	TR-10A	Soil	14-Aug-10 08:45	14-Aug-10 11:45
SB16632-06	TR-10B	Soil	14-Aug-10 08:50	14-Aug-10 11:45
SB16632-07	TR-11A	Soil	14-Aug-10 08:55	14-Aug-10 11:45
SB16632-08	TR-11B	Soil	14-Aug-10 09:00	14-Aug-10 11:45
SB16632-09	TR-13A	Soil	14-Aug-10 09:05	14-Aug-10 11:45
SB16632-10	TR-13B	Soil	14-Aug-10 09:10	14-Aug-10 11:45

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 11 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The samples were received 3.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Identification
TR-12A
SB16632-01

Client Project #: Intelidata | Matrix: Soil | Collection Date/Time: 14-Aug-10 07:55 | Received: 14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.1	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	428		µg/kg dry	21.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.1	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*108*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*115*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*74*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	89.3		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification
TR-12B
SB16632-02

Client Project #: Intelidata | Matrix: Soil | Collection Date/Time: 14-Aug-10 08:00 | Received: 14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.8	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*89*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*66*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*82*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	92.6		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification
TR-9A
SB16632-03

Client Project #: Intelidata | Matrix: Soil | Collection Date/Time: 14-Aug-10 08:35 | Received: 14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.2	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	27.3		µg/kg dry	21.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.2	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*96*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*64*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*93*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*64*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	92.2		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification
TR-9B
SB16632-04

Client Project #: Intelidata | Matrix: Soil | Collection Date/Time: 14-Aug-10 08:40 | Received: 14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.9	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*72*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*67*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	92.1		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification
TR-10A
SB16632-05

Client Project #: Intelidata | Matrix: Soil | Collection Date/Time: 14-Aug-10 08:45 | Received: 14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.3	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	45.3		µg/kg dry	22.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*117*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*76*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*67*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	86.5		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification
TR-10B
SB16632-06

Client Project #: Intelidata | Matrix: Soil | Collection Date/Time: 14-Aug-10 08:50 | Received: 14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.5	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.5	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*83*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*71*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*92*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*63*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	88.6		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification
TR-11A
SB16632-07

Client Project #: Intelidata | Matrix: Soil | Collection Date/Time: 14-Aug-10 08:55 | Received: 14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.8	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.8	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*90*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*66*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	87.5		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification
TR-11B
SB16632-08

Client Project #: Intelidata | Matrix: Soil | Collection Date/Time: 14-Aug-10 09:00 | Received: 14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	19.8	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*89*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*67*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*70*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	92.2		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TR-13A SB16632-09	Intelidata	Soil	14-Aug-10 09:05	14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.4	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.4	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*96*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*78*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*106*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*71*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	90.0		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TR-13B SB16632-10	Intelidata	Soil	14-Aug-10 09:10	14-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	19.5	1	SW846 8082	17-Aug-10	18-Aug-10	IMR	1017467	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	19.5	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*103*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*68*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*99*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*65*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	96.1		%		1	SM2540 G Mod.	16-Aug-10	16-Aug-10	GMA	1017427	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1017467 - SW846 3545A										
Blank (1017467-BLK1)					Prepared & Analyzed: 17-Aug-10					
Aroclor-1016	BRL		µg/kg wet	20.0						
Aroclor-1016 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1221	BRL		µg/kg wet	20.0						
Aroclor-1221 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1232	BRL		µg/kg wet	20.0						
Aroclor-1232 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1242	BRL		µg/kg wet	20.0						
Aroclor-1242 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1248	BRL		µg/kg wet	20.0						
Aroclor-1248 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1254	BRL		µg/kg wet	20.0						
Aroclor-1254 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1260	BRL		µg/kg wet	20.0						
Aroclor-1260 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1262	BRL		µg/kg wet	20.0						
Aroclor-1262 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1268	BRL		µg/kg wet	20.0						
Aroclor-1268 [2C]	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.1*		µg/kg wet		*20.0*		*111*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.9*		µg/kg wet		*20.0*		*100*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.1*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*14.5*		µg/kg wet		*20.0*		*72*	*30-150*		
LCS (1017467-BS1)					Prepared & Analyzed: 17-Aug-10					
Aroclor-1016	241		µg/kg wet	20.0	250		96	50-140		
Aroclor-1016 [2C]	219		µg/kg wet	20.0	250		88	50-140		
Aroclor-1260	224		µg/kg wet	20.0	250		89	50-140		
Aroclor-1260 [2C]	196		µg/kg wet	20.0	250		79	50-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*15.6*		µg/kg wet		*20.0*		*78*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.7*		µg/kg wet		*20.0*		*119*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*15.2*		µg/kg wet		*20.0*		*76*	*30-150*		
LCS Dup (1017467-BSD1)					Prepared & Analyzed: 17-Aug-10					
Aroclor-1016	231		µg/kg wet	20.0	250		92	50-140	4	30
Aroclor-1016 [2C]	213		µg/kg wet	20.0	250		85	50-140	3	30
Aroclor-1260	208		µg/kg wet	20.0	250		83	50-140	7	30
Aroclor-1260 [2C]	202		µg/kg wet	20.0	250		81	50-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.8*		µg/kg wet		*20.0*		*99*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*15.3*		µg/kg wet		*20.0*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.8*		µg/kg wet		*20.0*		*99*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*16.3*		µg/kg wet		*20.0*		*82*	*30-150*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1017427 - General Preparation										
Duplicate (1017427-DUP1)			**Source: SB16632-01**			Prepared & Analyzed: 16-Aug-10				
% Solids	89.0		%			89.3			0.4	20

Notes and Definitions

BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: Environmental Resources Management - Hartford, CT

Project Location: Intelidata - New Milford, CT

Project Number: Intelidata

Sampling Date(s):
8/14/2010

Laboratory Sample ID(s):
SB16632-01 through SB16632-10

RCP Methods Used:
SW846 8082

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? *Exceptions are defined by qualifiers*	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director
Date: 8/18/2010

SBL16632 ⓦ

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: ERM - East Hartford

Telephone #: 860-466-8500
Project Mgr. Bob Drake

Invoice To: SAME

P.O. No.: _____ RQN: MSA

Project No.: Intelidata
Site Name: Intelidata
Location: New Milford State: CT
Sampler(s): Don Nelsen

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= Deionized Water 10= _____ 11= _____

List preservative code below: 1

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: PCB	~
SBL16632-01	TR-12A	8/14/10	7:55	G	SO		1			X	
02	TR-12B		8:00				1			X	
03	TR-9A		8:35				1			X	
04	TR-9B		8:40				1			X	
05	TR-10A		8:45				1			X	
06	TR-10B		8:50				1			X	
07	TR-11A		8:55				1			X	
08	TR-11B		9:00				1			X	
09	TR-13A		9:05				1			X	
10	TR-13B		9:10				1			X	

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☐ No ☐

QA/QC Reporting Level
☐ Standard ☐ No QC ☑ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER V*
☐ Other _____

State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp°C
1		8/14/10	11:45	3.2

☑ EDD Format Standard Excel Criteria
☑ E-mail to Bob.Drake@erm.com

☐ Ambient ☑ Iced ☐ Refrigerated ☐ Fridge temp ___ °C ☐ Freezer temp ___ °C

Report Date:
09-Sep-10 12:32

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Resources Management
77 Hartland St.; Suite 300
East Hartford, CT 06108
Attn: Robert Drake

Project: Intelidata - New Milford, CT
Project #: 0116794

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB17423-01	TR-Postex-N	Soil	27-Aug-10 10:40	27-Aug-10 17:00
SB17423-02	TR-Postex-BA	Soil	27-Aug-10 10:50	27-Aug-10 17:00
SB17423-03	TR-Postex-BB	Soil	27-Aug-10 10:55	27-Aug-10 17:00
SB17423-04	TR-Postex-W	Soil	27-Aug-10 11:00	27-Aug-10 17:00
SB17423-05	TR-Postex-S	Soil	27-Aug-10 11:15	27-Aug-10 17:00
SB17423-06	TR-Postex-BC	Soil	27-Aug-10 11:20	27-Aug-10 17:00

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 8 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The sample temperature upon receipt by Spectrum Analytical courier was recorded as 4.0 degrees Celsius. The condition of these samples was further noted as received on ice. The samples were transported on ice to the laboratory facility and the temperature was recorded at 3.8 degrees Celsius upon receipt at the laboratory. Please refer to the Chain of Custody for details specific to sample receipt times.

An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Identification
TR-Postex-N
SB17423-01

Client Project # 0116794 | Matrix Soil | Collection Date/Time 27-Aug-10 10:40 | Received 27-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.9	1	SW846 8082	02-Sep-10	04-Sep-10	IMR	1018751	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.9	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*91*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*72*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*67*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*74*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	89.7		%		1	SM2540 G Mod.	31-Aug-10	31-Aug-10	BD	1018586	

Sample Identification
TR-Postex-BA
SB17423-02

Client Project # 0116794 | Matrix Soil | Collection Date/Time 27-Aug-10 10:50 | Received 27-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.6	1	SW846 8082	02-Sep-10	04-Sep-10	IMR	1018751	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.6	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*70*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*67*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*72*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	90.8		%		1	SM2540 G Mod.	31-Aug-10	31-Aug-10	BD	1018586	

Sample Identification
TR-Postex-BB
SB17423-03

Client Project #	Matrix	Collection Date/Time	Received
0116794	Soil	27-Aug-10 10:55	27-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.5	1	SW846 8082	02-Sep-10	04-Sep-10	IMR	1018751	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.5	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.5	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.5	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.5	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.5	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.5	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.5	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*88*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*73*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*81*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*74*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	90.7		%		1	SM2540 G Mod.	31-Aug-10	31-Aug-10	BD	1018586	

Sample Identification
TR-Postex-W
SB17423-04

Client Project #	Matrix	Collection Date/Time	Received
0116794	Soil	27-Aug-10 11:00	27-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.6	1	SW846 8082	02-Sep-10	04-Sep-10	IMR	1018751	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*72*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*82*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*80*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	88.2		%		1	SM2540 G Mod.	31-Aug-10	31-Aug-10	BD	1018586	

Sample Identification
TR-Postex-S
SB17423-05

Client Project # 0116794 | Matrix Soil | Collection Date/Time 27-Aug-10 11:15 | Received 27-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.9	1	SW846 8082	02-Sep-10	04-Sep-10	IMR	1018751	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	2,220		µg/kg dry	21.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*60*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*69*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*66*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	90.7		%		1	SM2540 G Mod.	31-Aug-10	31-Aug-10	BD	1018586	

Sample Identification
TR-Postex-BC
SB17423-06

Client Project # 0116794 | Matrix Soil | Collection Date/Time 27-Aug-10 11:20 | Received 27-Aug-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.2	1	SW846 8082	02-Sep-10	04-Sep-10	IMR	1018751	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.2	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.2	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.2	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.2	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*107*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*79*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*82*			*30-150 %*		"	"	"	"	"	
General Chemistry Parameters												
	% Solids	95.8		%		1	SM2540 G Mod.	31-Aug-10	31-Aug-10	BD	1018586	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1018751 - SW846 3545A										
Blank (1018751-BLK1)					Prepared & Analyzed: 02-Sep-10					
Aroclor-1016	BRL		µg/kg wet	20.0						
Aroclor-1016 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1221	BRL		µg/kg wet	20.0						
Aroclor-1221 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1232	BRL		µg/kg wet	20.0						
Aroclor-1232 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1242	BRL		µg/kg wet	20.0						
Aroclor-1242 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1248	BRL		µg/kg wet	20.0						
Aroclor-1248 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1254	BRL		µg/kg wet	20.0						
Aroclor-1254 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1260	BRL		µg/kg wet	20.0						
Aroclor-1260 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1262	BRL		µg/kg wet	20.0						
Aroclor-1262 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1268	BRL		µg/kg wet	20.0						
Aroclor-1268 [2C]	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.9*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*14.8*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.9*		µg/kg wet		*20.0*		*110*	*30-150*		
LCS (1018751-BS1)					Prepared & Analyzed: 02-Sep-10					
Aroclor-1016	222		µg/kg wet	20.0	250		89	50-140		
Aroclor-1016 [2C]	254		µg/kg wet	20.0	250		102	50-140		
Aroclor-1260	212		µg/kg wet	20.0	250		85	50-140		
Aroclor-1260 [2C]	267		µg/kg wet	20.0	250		107	50-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.1*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*14.6*		µg/kg wet		*20.0*		*73*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.1*		µg/kg wet		*20.0*		*96*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*26.0*		µg/kg wet		*20.0*		*130*	*30-150*		
LCS Dup (1018751-BSD1)					Prepared & Analyzed: 02-Sep-10					
Aroclor-1016	219		µg/kg wet	20.0	250		87	50-140	1	30
Aroclor-1016 [2C]	260		µg/kg wet	20.0	250		104	50-140	2	30
Aroclor-1260	214		µg/kg wet	20.0	250		85	50-140	0.6	30
Aroclor-1260 [2C]	279		µg/kg wet	20.0	250		112	50-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.6*		µg/kg wet		*20.0*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*14.7*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.6*		µg/kg wet		*20.0*		*123*	*30-150*		

Notes and Definitions

BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic

Validated by:
Hanibal C. Tayeh, Ph.D.
June O'Connor

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: Environmental Resources Management - Hartford, CT

Project Location: Intelidata - New Milford, CT

Project Number: 0116794

Sampling Date(s):
8/27/2010

Laboratory Sample ID(s):
SB17423-01 through SB17423-06

RCP Methods Used:
SW846 8082

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	✓ Yes	No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? *Exceptions are defined by qualifiers*	Yes Yes	✓ No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	✓ Yes	No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes	✓ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director
Date: 9/9/2010

SB 17423

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☑ Standard TAT - 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: ERM-East Hartford

Telephone #: 860-466-8500
Project Mgr. Bob Drake

Invoice To: SAME

P.O. No.: _____ RQN: NSA

Project No.: 0116754
Site Name: Interdata
Location: New Milford State: CT
Sampler(s): Dan Nelson

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=_____ 10=_____ 11=_____

List preservative code below: /

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: PCB
1742301	TR-PostEx-N	8/27/10	10:40	G	SO		1			X
-02	TR-PostEx-BA		10:50				1			X
-03	TR-PostEx-BB		10:55				1			X
-04	TR-PostEx-W		11:00				1			X
-05	TR-PostEx-S		11:15				1			X
-06	TR-PostEx-BC		11:20				1			X

QA/QC Reporting Notes:
(check as needed)
- ☐ Provide MA DEP MCP CAM Report
- ☑ Provide CT DPH RCP Report
- QA/QC Reporting Level: ☑ Standard ☐ No QC
- ☑ Other D&A
- State specific reporting standards: _____

Relinquished by:	Received by:	Date:	Time:	Temp°C
		8-27-10	1305	4.0
		8/27/10	17:00	3.8

☑ EDD Format Standard Excel Format
☑ E-mail to Deb.Drake@erm.com

☐ Ambient ☐ Iced ☐ Refrigerated ☐ Fridge temp ___ °C ☐ Freezer temp ___ °C

8/14/10 Intelidata 1 of 1
75F, Sun

07:30 D. Nelsen, Bob Drake on site
- Find water supply for
Decon and rinse
07:45 Set up on TR-12
07:55 TR-12A sampled 0-0.5' bgs
08:00 TR-12B sampled 1.5-2.0' bgs
0-1' Brown, dry, loose, m-f sand, some fine gravel
1-2' Damp, loose, light brown, m sand, well sorted
No visual evidence of PCB release
08:00 CLP on site to shut down transformer
08:25 CLP cuts power to building
08:30 D. Nelsen begins sampling inside transformer fence
09:20 Soil Samples collected
All "A" Samples collected between 0-0.5', All B Samples @ 1.5-2.0'
Power restored
09:35 Eram off site

8/27/10 Intelidata 1 of
PCB Excavation - 0116794
07:45 D. Nelsen on site
Take pictures of area to be excavated
- 3 Side wall - (N, S, W) and 3 bottom post excavation samples to be collected
08:25 - AES on site
(Phil, George, Steve)
HASP review and sign, discuss hand clearance near live electrical
0835- Excavation to measure 16' x 35' x 1'
8:45. Begin excavating
09:10 Excavation at 1' is down to tan, fine sand layer
10:35- Approximately 75% complete
10:40- TR-Post ex-N collected
10:50- TR-Post ex-BA collected
10:55 TR-Post ex-BB collected
11:00 TR-Post ex-W Collected
11:15 TR-Post ex-S Collected
11:20 TR-Post ex-BC Collected

2/13

11:25 - Transformer excavation complete - approximately two loads of soil

1130 - Soil polyd under and over

11:45 Load dropped into excavation of fill (sandy soil)

12:10 Fill material spread and compacted
AES offsite to get lunch and grass seed

13:00 Spectrum unclutched on sat

13:05 S. A off sat
Phil on sat with top soil

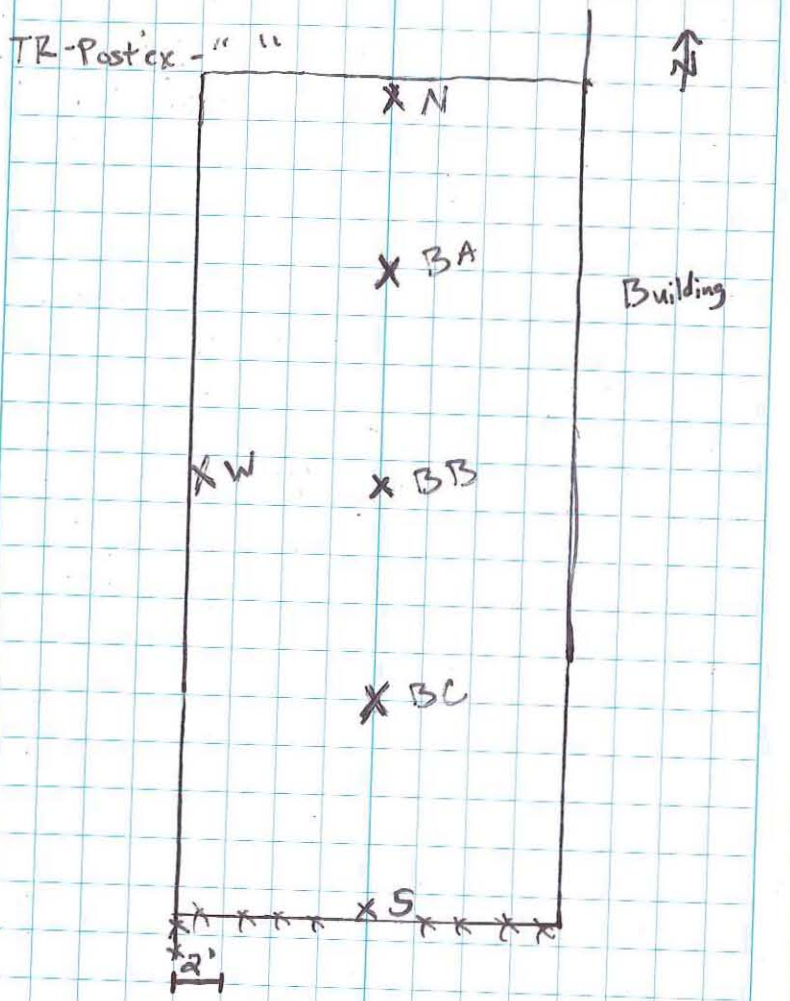
13:15 - Begin spreading topsoil
Phill to set straw for seed cover

13:45 Begin hand spreading topsoil and spreading seed

15:00 AES, EKM offsite

3 of 3

Excavation Sampling Detail



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☑ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: ERM-East Hartford
1
2
3
Telephone #: 860-466-8500
Project Mgr. Bob Decker

Invoice To: SAME
P.O. No.: _____ RQN: NSA

Project No.: 0116754
Site Name: Intelidata
Location: New Milford State: CT
Sampler(s): Dan Nelson

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= _____ 10= _____ 11= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

List preservative code below: /

QA/QC Reporting Notes:
(check as needed)

☐ Provide MA DEP MCP CAM Report
☑ Provide CT DPH RCP Report

QA/QC Reporting Level
☑ Standard ☐ No QC
☐ Other DQA

State specific reporting standards:
_____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: PCB
	TR-Postex-N	8/27/10	10:40	G	SO		1			X
	TR-Postex-BA		10:50				1			X
	TR-Postex-BB		10:55				1			X
	TR-Postex-W		11:00				1			X
	TR-Postex-S		11:15				1			X
	TR-Postex-BC		11:20				1			X

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	8-27-10	1305	4.0

☑ EDD Format Standard Excel Entry
☐ E-mail to Deb.Decker@erm.com

☐ Ambient ☒ Iced ☐ Refrigerated ☐ Fridge temp ___ °C ☐ Freezer temp ___ °C

Cooler